

HQ CONSTRUCTION

EDITION 1

APRIL 13 2015



CONSTRUCTION LETTING SPOTLIGHT

The Department held the first construction letting of 2015 on Friday, February 13th. A total of seventy contracts were awarded at a combined total of \$214,693,552.71. The contract values ranged from \$32,000 all the way to \$63 million. The number of contracts awarded to each region was similar in this letting. The total contracts with a spotlight on the largest project for each region are as follows:

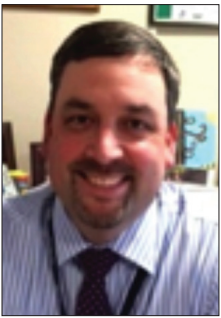
REGION 1: A total of 17 contracts were awarded to Region 1 in this letting. The largest being the reconstruction of 3.25 miles on S.R. 29 in Morgan and Roane Counties at \$62,793,238.70. This contract was awarded to Charles Blalock & Son, Inc. and has a completion date of May 31, 2018.

REGION 2: A total of 16 contracts were awarded to Region 2 in February. The resurfacing of 1-24 in Grundy County was their largest contract at \$4,429,715.09. The contract has a completion date of September 30, 2015.

REGION 3: A total of 20 contracts were awarded to Region 3 in the letting. The new interchange on I-65 at S.R. 109 in Robertson and Sumner Counties was awarded to Rogers Group, Inc. for \$45,956,687.63. The project has a completion date of May 31, 2018.

REGION 4: A total of 17 contracts were awarded to Region 4 in February. The grading, drainage, and paving of 2.6 miles on S.R. 14 in Shelby County was awarded to Acuff Enterprises, Inc./ dba Scott Contractors, Inc. for \$17,143,958.75. The completion date for the project is May 31, 2018.

A LETTER FROM WILL FIRST YEAR IN REVIEW



This month will mark my first year anniversary with TDOT. I wanted to take a minute to reflect on what has been a productive year in Headquarters Construction. Not only have we seen a significant influx of new staff, we have taken key steps towards improving our ability to let, manage, and deliver projects. I would like to congratulate the entire division staff

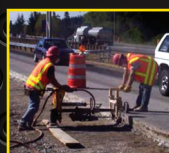
for several key accomplishments this year:

- Completed the first major specification re-write since 2006.
- Completion of the largest Design-Build project let to date in TN.
- Awarded the first project in the Department's history using the CM/GC delivery method.
- Initiated a Constructability Review pilot program for high risk/high profile projects.
- Teamed with Traffic Operations to develop a new special provision for Queue Trucks.
- Led a LEAN event to strengthen Statewide Resurfacing program.

While we were able to accomplish a great deal this year, we still have much to do. A few things to look forward to in the coming year include: re-vamping our circular letters; obtaining consistency statewide in our use of site manager; re-establishment of the Department's Specification Committee and continued strengthening of relationships with our Regional partners here at TDOT. I thank everyone for their hard work and look forward to another great year.

IN THIS EDITION OF
HQ

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2015
National
Work Zone
Awareness
Week

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Resurfacing
Program
Undergoes
LEAN
Event

PAGE 4



Jamie
Fitzpatrick
and John
Phillips

MARCH 23-27

2015 NATIONAL WORK ZONE AWARENESS WEEK

"EXPECT THE UNEXPECTED"



The 2015 theme was the original theme used 15 years ago in the national event that was created to focus attention on work zone safety and work zone workers. Since the creation of the national campaign by FHWA, ATSSA and AASHTO, the number of work zone fatalities has dropped significantly.

SAFETY MATTERS

WORKER SAFETY

The leading cause of highway construction worker injuries and fatalities is contact with construction vehicles, objects, and equipment. These injuries and deaths are preventable through a number of good practices.

As our highway infrastructure ages, many transportation agencies are focusing on rebuilding and improving existing roadways. This means more roadwork is being performed on roadways that are open to traffic. At the same time, traffic continues to grow and create more congestion, particularly in urban areas. To avoid major queues during peak travel periods, urban areas are seeing more night work. The combination of more work done alongside increasingly heavier traffic and greater use of

night work can result in increased safety considerations for highway workers. However, there are regulations and available resources on good practices that can help workers perform their jobs safely.



TRAINING AND TOOLS

MAKE SURE YOU'RE SAFE! CLICK ON ONE OF THE LINKS BELOW FOR TRAINING AND TIPS!



**BASIC
AWARENESS
EDUCATION**

**FEDERAL HIGHWAY ADMINISTRATION
WORK ZONE MOBILITY & SAFETY PROGRAM**

OSHA COMPACTOR ROLLOVER HAZARD



**NIOSH
HIGHWAY
WORK ZONE
SAFETY**

For more information on this year's National Work Zone Awareness Week, visit http://www.ops.fhwa.dot.gov/wz/outreach/wz_awareness.htm.



PILOT CM/GC PROJECT IN TENNESSEE



TDOT is preparing for another big project in Downtown Nashville using the innovative processes of accelerated bridge construction and the construction manager/general contractor (CM/GC) delivery method. The nearly \$60 million project will replace eight bridges in downtown Nashville on Interstate 40 in the summer of 2015- 2016. This will involve 13 total weekend closures the I-40 portion of the downtown loop will be closed from the



CM/GC Team Members: from the left Sean Danaher (Kiewit), Houston walker, Chuck Graves, Lia Obaid, Shane Hester, Marc Rothwell (Kiewit), Red Jordan, Dave Paris(Kiewit), Terry Mackie, Ted Kniazewycz (GSP), Larry Ridlen (GSP).

I-40/I-65 split on the southwest corner of the downtown loop to the I-40/I-65 split on the northwest corner of the downtown loop.

RESURFACING PROGRAM UNDERGOES LEAN EVENT

The Department's resurfacing program used to consist of a simple approach....how long, wide, and thick?

RESURFACING PROGRAM

Over the years this program has morphed into a complex program that now includes pavement preservation, safety upgrades, bridge repairs, railroad coordination, bike and pedestrian upgrades, administering federal dollars, and environmental approvals...with all four Regions having a different delivery



Jay Norris, Susannah Kniazewycz, Randy Busler, Robert Rogers, Shane Hester, John Steele, Rick Knoll, Tabitha Cavaness, Willie Coleman, Scott Boyce.

process. Greg Duncan was approached about an opportunity to improve the process through a LEAN Event. LEAN is a business process review that is coordinated

through the Strategic Planning Division Director, Patsy Mimms. LEAN focuses on getting the right people in the room and then drills down into the process. Business Consultants from

the Department of Finance and Administration are brought in to oversee the week-long Event.

During the week of February 2nd, this team convened in Nashville. The first two days were spent on current processes and problems. One day was devoted to solving problems and the final day was devoted to mapping the new process with a standard approach by all Regions. The goal is for a simple and repeatable process that



would give each functional area enough time during delivery.

The LEAN event ended with an organized process and a handful of action items. These actions include creating a standardized PS&E form, standardized candidate forms for Programming, a revised Resurfacing Certification Form for the Environmental Division, and PS&E training for each District.

"This LEAN Event will streamline delivery and allow me to distribute workloads through the year more effectively" –

Shane Hester, Region 3 Design Manager.

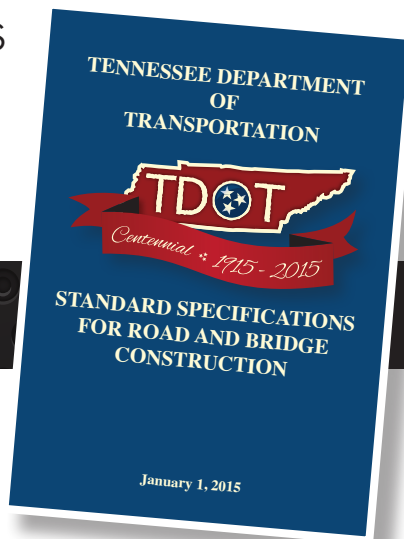
Look for changes this fall as Candidate Lists are turned in and the Development process starts!

2015 TDOT

STANDARD SPECIFICATIONS
FOR ROAD AND BRIDGE
CONSTRUCTION –
GENERAL CHANGES

SPECS UPDATE

The wait is over and for the first time since March 1, 2006, TDOT has a new "Spec Book". The new book should be easier to read and provide additional guidance. Please see a summary below of the general changes and changes to Section 100. If you have any questions or concerns, please contact Darrell Bost or Laura Chandler for assistance.



General Changes to the Specifications

- Changing passive to active voice – this should make the book easier to read
- Writing directions as commands
- Subject is understood – instead of stating the contractor, it is obvious from context who is the subject of the sentence

I. Highlights of Important Changes to Section 100

• Section 105.16: Claims Process

- The new claims process is a five-step process designed to help the contractor and the department reach an agreement earlier, while still leaving an avenue for a dispute where no agreement can be reached.

• Section 108.03: Prosecution of Construction

- Projects of less than 90 days require a plan of operation
- Projects with a duration of 90 days to 24 months require a bar chart schedule with a number of data points listed in Section 108.03(B)
- Projects with duration of more than 24 months require a CPM Schedule with regular updates as the project proceeds.

JAMIE FITZPATRICK

TDOT HEADQUARTERS CONSTRUCTION

EMPLOYEE HIGHLIGHT



Hello to everyone in Operations! It is an honor to be featured in the new newsletter.

I began my career with TDOT in the summer of 2001, as a summer intern in the Cookeville construction office. I had a second summer internship in 2002 before hiring on full-time in construction in 2003 in the Murfreesboro field office. I served as supervisor for that office for 6 years beginning in 2007 and served as supervisor over the Nashville maintenance division for one year. I am currently a CE Manager 2 at Headquarters covering Region 2 and District 39.

I met my wife, Angela, while I was working on my civil engineering degree at Tennessee Tech, and we married in 2004. Angela and I have lived in Mt Juliet since 2008. We have two sons, Jake and Jonathan, six and two years-old respectively. We are members of Providence United Methodist Church in Mt. Juliet.

I grew up hunting and fishing in Macon County and I continue those hobbies today as time allows.

I knew I wanted to come to work for TDOT when I graduated. I was taught while growing up that you should always give back to your community. I feel that working for TDOT gives me the opportunity to serve the people of my community and my state, and I take pride in that. I know this sentiment is shared by many in operations as we are responsible for delivering the final product to the public. I look back on the projects I have been involved with and take pride in knowing I was able to help make a difference.

JOHN M. PHILLIPS

Born 22 July 1960 in Ft. Leavenworth, Kansas; raised in

Memphis, Tennessee. I graduated from Wooddale High School in May 1978 and Christian Brothers University in December 1993. Enlisted in the U.S. Air Force in

the Department's Project Management Division in December 2007 and currently I am employed in the Headquarters Construction Division.

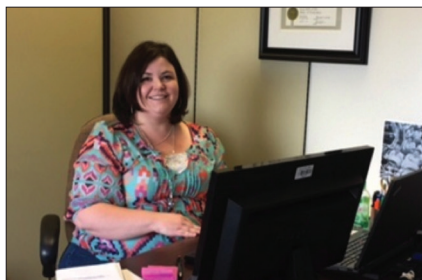


I have lived in Okinawa, Japan; Soesterberg, The Netherlands and Angeles City, The Philippines. I have visited South Korea, Taiwan, Guam, Hawaii, Alaska, Canada, the Republic of Panama, the Sultanate of Oman, Kuwait, Qatar, Kyrgyzstan, Germany, France, Italy, England, Ireland, Azores and Belgium.

WELCOME ABOARD

June 1978, transferred to the TN Air National Guard in March 1983 and retired from the Air Guard in February 2015. I was hired by the Tennessee Department of Transportation, Structures Division, in February 1995. I moved to the Region 3 ROW/Utility Office to take a promotion to Supervisor One in September 2000. I joined

LAURA CHANDLER



began her civil engineering career at Tennessee Department of Transportation, Environmental Division in 2006 and joined the Construction Division in late 2014. She

obtained her Master's Degree in Civil Engineering from the University of Tennessee in 2010 and her Bachelor's Degree from Tennessee Technological University in 2006. Laura is responsible for construction specifications, circular letters and special provisions.

NEWS & NOTES

TRBA/TDOT REGION MEETINGS (SPRING 2015)

Region 1..... April 10, 2015
Region 2..... April 9, 2015
Region 3..... April 23, 2015
Region 4..... April 24, 2015

New Circular Letters for Review

104.03.01..... Contract Change Notification
109.04..... Documentation and Method of Payment

